

*Otago Astronomical  
Society*

OBSERVATORY LOG BOOK

Tanna Hill & Beverly-Begg Observatories of  
Otago Astronomical Society and Otago Institute.

*Tanna Hill Observatory opened on December 28  
1912 and remained open until December 17  
1915.*

B/-

focal length - 7' 7 1/2"



OBSERVATORY LOG BOOK

Tanna Hill & Beverly-Begg observatories of  
Otago Astronomical Society and Otago Institute

*The Beverly Begg Observatory was opened on June 3, 1922*

*from December 29, 1912 To December 17 1915*

*Tanna Hill observatory, which contained*

*3" Beverly Refractor*

*9 $\frac{1}{4}$ " Browning Reflector (sky telescope)*

*P.S. The Home Science building stands on the present site.*



1913

December 28<sup>th</sup> 1912

Called in and put dust cover over  
telescope Alexander Meggit

Jan 15<sup>th</sup> 1913

called with Mr. Wheeler from Wellington to show  
him round ~~last~~ Fort Paine

Jan 19<sup>th</sup>

Mr Longshaw & Mr. Marshall  
with Mr Paine.

Feb 3<sup>rd</sup>

called to see if all right after high wind  
Feb.

Feb 10<sup>th</sup> called to have look round Fort

March 5<sup>th</sup> 1913 Called to have look round. P.D. Cameron

March 15<sup>th</sup>. Fort Paine (look round to see all right)

March 17<sup>th</sup> Top shutter will not open. P.D. Cameron.

March 21<sup>st</sup> Loosened top leaf of shutter & worked with  
pencil, telescope P.D.C.

March 22 Clouds obscured no telescopes to be seen  
Mr Payne, Dr Cameron & Mr. Brown, waited for  
considerable time leaving @ 10-40 P.M.

March 26. H. Brown & J. Paine drove Southern Cross  
also snow.

April 10<sup>th</sup> 1913.

JW Payne - Dr Cameron  
Mrs Gilliam Miss Thompson & R. Gilliam  
observed Orion - Alpha Centauri,  
S. Cross

Apr 14 Indiana took cutoff small mirror

14 R Y Clouart and JW Payne  
viewed the moon from 250 and 800 also 600  
8th view with 250 (host)

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April 15<sup>th</sup> P. H. Cameron - got some data from A. N. A.  
9 P.M. only.

April 21<sup>st</sup> Mr Mrs Bamford, Dr Cameron  
Mr Wilson Mr Jackson JW Payne  
full moon from 80, 106 and 200 and view  
also Alpha Centauri and real back

April 22<sup>nd</sup> Mr Milne & JW Payne  
viewed the moon from 80 250 800  
Alpha Centauri Antares Alpha Crucis  
very cloudy

May

May 13<sup>th</sup>. JW Payne & R. Gilliam -  
cloudy - disappointed -

May 14 called to adjust chain (turning mechanism)

May 14.

Mr. Juel. F. W. Payne

viewed the moon from 80 100 250 800.  
fair but view.

May 20. Mr. March Mr. Brant Mr. Le Neere

F. W. Payne viewed Jupiter from 80 and 250  
moon fair view but rather windy.

May 25. F. W. Payne

Jupiter, antares. moon nebulae

May 26. Mr. Bonie Mr. J. L. Vans. Dr. Cameron

Jupiter, Canopus, Jupiter, Antares, A. Centaur  
Polaris, & minor stars.

May 27 F. W. Payne called to see me for  
me at meeting tonight.

May 31. F. W. Payne, Mrs. Rose & R. G. L. Smith -

8-30 to 10 pm. - fine ocean.

Jupiter - 3 moons - bands - very clear -

Antares - Nebula below Scorpio

June 1. Prof. Richards W. E. Wilson F. W. Payne 5:50 am.

fine and clear here round Venus & moon. good  
view of phase of Venus.  closes. Moon (half full);

Jupiter (4 satellites) bands (equatorial) distinct.

June 11. Dr. Cameron

11<sup>1/2</sup> I. W. Meines & W. E. Wingfield 8:45 to 9:30

Viewed the moon good view at intervals.

also Jupiter 4 moons in fine arc.

bells becoming increasingly distinct as


the sky became obscured by denser clouds.

Stand of Beverly telescope overturned by  
handle of shutter while turning the dome  
without light - and casting broken -

June 12. I. W. Meines examined stand for repairs required  
and dusted shelves.



June 20. To Dams to examine damage to Nevada telescope. Damage not serious and such as can easily be made right.

June 25. To Dams, morning, to see Venus & the moon Venus nearly half circle  clouded over soon after I arrived. Good view of moon. good definition @ 7.40

Brought Sun glass from house and left it in Observatory.

June 25<sup>th</sup> 9-30 pm After ordinary meeting of Society - viewed Jupiter + 4 moons ~~Jupiter~~ - Alpha Centauri. Praeger, Ragsdale, Fairbank, & Bryant, W. W. W. Payne & Chaulin, R. J. W. W. Payne, Guthrie, & Cameron, Prof. Richards.

June 26 8 pm. To Dams

viewed Jupiter 3 moons. Antares red & green light well separated. too hazy for large Perseus square on end of horizontal adjusting screw broke off in socket.

July 14<sup>th</sup> 8:30 PM

viewed Jupiter 3 moons. Antares - moon 2 1/2 diam. Praeger, Richards, P. O. Cannon.

Aug. 6 To Dams to take away Perseus & Nevada telescope for repair and arrange for concrete foundation for Nevada and Transit



July 17 commenced with lecture Berkeley at  
July

July 21 visited & inspected

Aug 7 9 p.m. J. W. Milnes visited to see work done  
and look at Nautical Almanac

Aug 8<sup>th</sup> J. W. Paine.

Aug 8<sup>th</sup> M. C. S. Hicks & W. T. Hicks & F. C. Payne  
visited observatory 8.30 P.M. - sky  
cloudy - disappointed.

Aug 14 L. W. Paine in company with Mr. Lough  
electrician to see about method of lighting

Aug 19 L. W. Paine to see about repair Beverly telescope.  
After the Technological lecture 8 visitors  
viewed the moon & Jupiter satisfactorily.

August 30<sup>th</sup> Mary Proctor's introduction to general tel.  
Very delightful experience, thanks to M. Payne.  
Good present on this occasion Miss Meggitt  
Mr. Faulkner & Mr. Meggitt

Sept. 15<sup>th</sup> Present M. Payne, R. Richards, G. Laurence,  
Mr. Wilson, G. Gifford, Mr. Beach & Mrs. Cameron  
& Mrs. Beach.

Eclipse of moon - cloudy - views imperfect  
Stayed 10-15 p.m. to 11-35. (Total eclipse 11-31)  
beginning of shadow 10-23/4

Oct 6<sup>th</sup> 1913. Mr. W. Green & Mr. H. I. Green &  
F. G. Payne visited the observatory  
from 8:30 - 10:30 p.m. Grand  
night & beautiful view of moon, Jupiter  
& Alpha Centauri

Oct. 7/13. - Prof Richards Dr Cameron,  
Miss Howes, R. Gillkin,  
Miss Cameron, Miss Howes, & Miss  
E. Howes -  
Clear night - beautiful view of  
half moon - deep craters  
also Jupiter & Encus -

Oct 9<sup>th</sup> 1913. Miss Mackenzie & party. P.D. Cameron.  
Clear night - between few clouds moon,  
Jupiter & Encus.

Oct 10. 1913. Fixing meridian line for Beverly  
telescope.  
James Park - 4:30 - 6:0 p.m.  
P.D. Cameron.

Oct 10. 1913. 8 - 9:20 P.M. Experimenting with  
the Beverly telescope.  
P.D. Cameron

Oct 20<sup>th</sup> 1913. Using the Beverly telescope.  
Removed the almanac. P.D. Cameron

Oct 22<sup>nd</sup> 1913. Returned the almanac - Adjusted level  
of Beverly telescope - Horn circle approximately  
correct.  
P.D. Cameron 4:20 - 5:20. P.M.

Oct 24<sup>th</sup> Laid out the Thruway Telescope & got both Declination  
& Hour circles, and approximately correct positions  
P.D. Cameron - 3 - 4 P.M.

Oct 26<sup>th</sup> Mr J. Shaw P.D. Cameron.  
Jupiter & observed 5 hours - below & above  
pole - also observations & hour angles of  $\alpha$  Centauri  
& Camper, (a, a, a) out of the meridian.  
Barrow Almanac. P.D.C.

Dec 28<sup>th</sup> Returns Almanac. P.D. Cameron

Aug 15/14 Found typ. shutter wide open. P.D.C.

Aug 15 well Victor's place. do not touch  
top shutter till repaired having this  
done at once. A.M.

Victor may now use the top shutter.  
A.M.

March {  
Perfect night  
Moon  
&  $\alpha$  Centauri

June 30 L.W. Miller  
Mr O.B. alk  
Mr F.R. Ricketts  
Mrs Ricketts  
Mr. Russell Ricketts

Thick Cloudy night nothing visible  
equipment sufficient

July 1<sup>st</sup> L.W. Milnes Eugham Milnes  
 & W.H. White - beautiful  
 view of the Moon  
 Left Professor Richards & party to Aug  
 Emily J. Juddley.  
 Margaret Smith  
 D.J. Richards  
 M. Winifred Betts.

July 18<sup>th</sup>  
 Moon & Ceres  
 Jupiter  
 & Centaur

July 21<sup>st</sup> Jane Watson  
 Mary Watson.  
 " Joseph Sparrow  
 " Edw. Sparrow

Aug 10<sup>th</sup> 4th Pique. (morning)  
 Used Beverly telescope broken. also morning from  
 under of large telescope.

Sept 29<sup>th</sup> L. Ch. - J. Howden  
 Chrissie Howden.  
 Jeanette Broome  
 Jessie Howden.  
 S. Howden Jr.

Moon 18<sup>th</sup> Q.  
 Jupiter  
 Venus

Oct 4-10 found Ap. Don open Broken Belt. Replaced with New Belt  
 & made Don workable. J. V. Faulkner.

Oct 16 J. V. Faulkner and J. V. Paine

Oct 19<sup>th</sup> J. V. Faulkner & Plat.





Thurs: St Brown Dunedin  
Chas. Everett - Dunedin

Was No Member of Committee present?

Friday, 28<sup>th</sup> May 1915.

Mr Beeston  
" ~~W. H. H. H.~~ Faulkner  
" Brewer  
" White  
" Gillies

Clear but rather windy.  
Moon & Alpha Centauri.

Friday 4<sup>th</sup> June.

Mr Brommer.  
Mr Cambridge  
P. D. Cameron

Mellish's Comet fairly clear  
Bright nebulae.

Fully up Myrtille Cloud  
& Southern Stars in foreground.  
Both telescopes used.

Friday 11<sup>th</sup> June, 1915

Mr Faulkner  
Mr Skell  
Mr Brommer  
P. D. Cameron.

Mellish's Comet  
High night.

Mr. & Sutton  
H. G. H. H. H.  
D. J. Richards

Mr. & Sutton  
H. G. H. H. H.

Moon 18<sup>th</sup> Cr.  
& Centauri  
21/6/15

Friday July 2<sup>nd</sup> 1915

Mr. Brown  
P. B. Cannon.

Mellish's Comet visible below Caspous.  
Faint flange telescope taken to be  
minuted and down high exposure broken,

Friday July, 16th 1915.

Miss S. Dick  
Miss S. Dick.

Mon. Milum, Brown, Giltkessie Wilson

Moon 1<sup>st</sup> Quarter

Nebulae & Star Clusters.

Z. Zencar

W. Centaurus

K. Cuvic

Magellan Cloud

Clear night  
beautiful moon.

Friday, July 24<sup>th</sup> 1915

Alph. Brown

Moon 2<sup>nd</sup> Qr. very clear

Other spec. moons, Jupiter & others with shadows.

Mon. & Begg 26<sup>th</sup> July 1915

blowing view of eye of moon

7<sup>th</sup>

17 Sept.

C. Frye Gar. Inspector

Alph. Brown

Half Moon - & Jupiter & Moons & belt.

- note. Not missing from regulating screws.

Sunday 6<sup>th</sup> Dec<sup>r</sup> 1915

J. W. Milnes looked in and found  
all in apparent good order & from  
Tripod, Beverly Telescope not in  
the Observatory -

Dec 17 1915  
J. W. Milnes - by appointment with <sup>W. J.</sup> 16<sup>th</sup> Kerr  
for lunar observation - good view of Moon  
and Jupiter - 8.30 to 9.40  
Long-focus eye piece left in the Telescope to keep out dust  
Last Entry Tanna Hill Observatory.

Roslyn Observatory B.B.O.

20<sup>th</sup> July 1922

J. W. Milnes brought 4 H & B Black Block  
and examined with the  
telescope of Telescope and  
applied  
Left "Observatory Atlas"

22<sup>nd</sup> July 1922

J. W. Milnes found 10 spots

two under 100 (B. 100) + 2  
examined these - Jupiter  
on 10 m in self-illumination of these visible  
Jupiter - bottom - 10 m in self-illumination  
with 10 m in self-illumination  
2 Centauri - 10 m in self-illumination



1922

July

Wednesday July 25<sup>th</sup>

Public night

G Hoffmann with one or two members  
at some reading.

Some observing done.

Written up from memory.

Saturday July 28

Public night

Wednesday Aug 2<sup>nd</sup>

G Hoffmann with one member (Mr. Rouds)

Excellent rain of snow in good places about 10<sup>th</sup> day

Also of Mass Jupiter in Saturn,

There is west as south.

Written up from memory

Saturday Aug 5<sup>th</sup>

Public night

Wednesday Aug 9<sup>th</sup>

G Hoffmann by J. L. L. and by Chamberlain

Cloudy no observation.

Saturday Aug 12<sup>th</sup>

1922

Wednesday Aug 16<sup>th</sup> Public night  
G. Stoppman present 6-50 PM to 9-40  
no other present, no visitors  
Fair view of planets Venus Saturn Jupiter  
but altitudes now rather low. Venus half phase.  
Saturn Surprised, good  
Mars difficult.  
Clear night but NE vapor.  
Cluster in Crown as Centaur very fine as clear

Aug. 19

Present Messrs. M. Hines, J. B. Begg  
A. Palmer & A. Crout

Moderate sky - a good deal of haze  
views of Mars Jupiter & Centaur  
K. Crout

Aug. 26

Present J. H. Hines, J. B. Begg, A. Palmer  
D. Small & A. Crout  
clouds night sky rather hazy  
& Centaur - a very fine object  
studied with scope

Wednesday Aug 30<sup>th</sup>

G. Stoppman 7 PM - 10 - 40  
Members J. B. Begg, R. H. Hines, Crout

Three visitors including 2 ladies  
Evening turned very heavy poor visibility

With a few useful observations on a scale  
for comparing circles, telescopes  
but much hampered by difficulty of seeing.



1922

Wednesday Sept-18<sup>th</sup>  
G Stoppmann.

7. P.M. to 8 P.M.

No members or visitors

Cold windy night with heavy passing  
clouds and a few light showers.

No observations.

Saturday Sept. 23 1922

7 p.m. to 8 40

Mem. Simpson, Patterson, Macdonald

Earl Pearson + Wily Smith

} Repl.  
2/6

Calm night but heavy cloud with occasional  
flashes of Mercury, Venus and Moon observed.  
Very disappointing for observations.

Wednesday Sept 27 1922

7 to 8 P.M.

G Stoppmann

No members or visitors

Foggy mist for few minutes after 7 o'clock

Thin sky completely obscured with drizzle.

No observations. Telescope not uncovered.

Saturday Sept 30 1922

7 to 9.45

9 W miles - 4 members of V.M.

and a number of boys and one girl

Calm night. Good sky. Moon a excellent

object. Mercury seen. Venus very good  
definition, Mars ~~seen~~ a Centaur. 12 comets

Very interesting evening for all present.



Saturday Oct 7 - Present J.B. Begg, 11 Rontledge -  
no visitors - misty but sky clear  
at intervals - good view of Venus, crescent  
becoming thinner - Mars becoming  
more distant & gibbous -

Wednesday Oct 11<sup>th</sup> - G. Hoffmann 7-9.55 AM.  
Three visitors. fair night East cloudy  
West & South fairly clear.  
View of Venus ~~very~~ defined very variable.  
Inconspicuous, good but generally poor; badly  
Seyfer's Mars, Alpha Centauri & Crucis.  
Receipt 1/6

Saturday Oct 14 - J.B. Begg -  
Present Visitors W. Rontledge

Visitors 2  
Venus - crescent lengthening & becoming narrower  
fairly clear view  
Alpha Centauri viewed - rather dull  
Weather windy & intermittent clouds - lightning

Wednesday Oct 18. G. Hoffmann.  
Unsurround telescope 7-20  
Night then fairly clear Venus - fine view  
No visitors except 2 boys who looked on  
casually. Saw then each view of Venus.  
Increasing hours and at 8 o'clock quite overcast  
Left 8-15.

Mem. by J. Hegg - Saturday 21<sup>st</sup> Oct stormy evening  
did not observe

Wednesday Oct 25 G. Hoffmann  
7 - 8.15 PM  
Cloudy. no observation  
W. reaction

Mem. by J. Hegg - Sunday 21<sup>st</sup> Oct Cloudy  
did not observe

Monday 22<sup>nd</sup> Oct Cloudy  
did not observe

Wednesday Nov 1 G. Hoffmann 7 - 8.15 - E

M. J. Hegg 2 reactions when was disappointed  
in ~~not~~ condition. Temperature not recorded. Cloudy.  
Later J. Hegg - Moon came out beautiful,  
& seeing was exceptionally good - definition excellent  
with 5 mm eyepiece

Wednesday Nov 8<sup>th</sup> 1922.

G. Hoffmann.

Completely overcast sky. no visitors.

David Foster

Saturday Nov 11<sup>th</sup>, 1922

2 W miles.

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6

M. Ray M. Poulter & M. Waker

Short observation of Venus follows. & attain  
before sky completely obscured by clouds.

Wednesday Nov 15 1920

G. Hoffman.

7-45 - 8-16

No other present

sky overcast - slight rain.

Friday, 5/1/90

Salutator 18 Nov

Dr. Bagg Smith

The Vectors -

Carapace, Alpha Cecilians H. C. Jones

✓ Chapter No.

Result

Saturday 25 Nov / 22. 8.30 to 10 pm.

I will make - to attendance

Sky overcast. but affording welcome

~~opportunities~~ opportunities of scrutinizing the  
many ~~factitious~~ formations of the Moon under

Favorable illumination on the line of the Altai Chauc  
Splendidly recorded with 12 m/m ex. Piece -

1922

Wednesday NW 29 G. H. H. 8.15. — 10 PM  
Passing cloud but about 9 clock then overcast  
2 Ym. in  
Some excellent view of moon in a very  
intensity phase for short period. Rump 1/-

Saturday 2<sup>nd</sup> Dec, 22 J. H. H. 8.30 to 9.30 Rec. 1/-  
11.11.76

Very cloudy but permitting interesting  
study of the limited area of the moon  
still under favorable illumination.

The angle of telescope in very bad position.

Thursday 6<sup>th</sup> Dec 1922. P. H. H. 8.30 am to 10.30 am. Two sightings  
very completely overcast. No observations  
possible. Under loose in fact. The  
thread of screen dropped. In position  
to find the same.

Monday 11<sup>th</sup> Dec 1922. P. H. H. 8.30 am to 10.30 am. Two sightings  
very completely overcast. No observations  
possible. Under loose in fact. The  
thread of screen dropped. In position  
to find the same.

Wednesday 13<sup>th</sup> Dec 1922. P. H. H. 8.30 am to 10.30 am. Two sightings  
very completely overcast. No observations  
possible. Under loose in fact. The  
thread of screen dropped. In position  
to find the same.



Saturday 17<sup>th</sup> March - Leg entered by J. B. Bagg  
Present also Morris & Chinton, M.R. Boulton and about  
12 visitors - Sky variable - views of  
Antares & Arcturus, Great Orion Nebula,  
Saturn & Jupiter. Beehive.

First open night of season - Takings 4/6

Wednesday 21<sup>st</sup> March. Present E.E. Chesham 7.0 to 8.30 pm  
Sky completely overcast. Telescope not  
unmoored. Four visitors looked in but  
left again.

Saturday 24<sup>th</sup> March 1923 Present E.E. Chesham  
6.30 pm to 9.45 pm Mr. Milne looked in. Takings 1/-  
Two visitors. View of moon good. 5 mm  
eyepiece used. Also, Antares, Arcturus  
& Arcturus w. Antares, E. Argo, Sirius,  
Orionis, Jupiter & Saturn all  
viewed fairly well.

Wednesday April 4<sup>th</sup> G. Hoffmann  
Clear night about 12 visitors  
Saturn, Jupiter & Arcturus the main views  
viewed. All rather low for clear seeing.  
Conversation continued until 11.00 pm  
I was about half an hour  
Left 6.15 in bus

Wednesday April 11<sup>th</sup> G. Hoffmann.  
7.15 to 9.15. Some 12 or 14 visitors  
all men. Mr. Johnston & Mr. (the band) present.  
View of Saturn & Jupiter. Mars & Arcturus rather  
low but very fair seeing. Sky clear except  
for occasional haze. Took view of Great Nebula &  
Orion but definition of nebula not very good. Left 11.15 in bus

Wednesday April 18<sup>th</sup> 7-9-48 PM

K. Hoffmann.

Abt. 12 visits including Mr. Skirgin  
cc D. B. Engman with into Skirgin &  
four other ladies.

Is not in our Japanese Sederim nor Kappa. Given  
beyond.

Leaving good with 5 m m. the night  
clear as fire.

Taking 57- Left 17/1 = 64

Saturday May 8 - J. B. Egge attended but  
did not take any specimens. Night bright &  
cold - No wind.

Sunday May 9 - Windy & light rain. No  
specimens taken. - 1 specimen of *U. laticornis*  
taken.

Monday May 10<sup>th</sup>  
Three *G. Stoppus* by Roubidoux.  
Vireos ~~two~~ *Chamaea* *laticornis* and 2 *Chamaea*.  
Vireos, most from *Seely*,  
Junco / *Calidris* abundant.

Tuesday May 11<sup>th</sup> - Windy & light rain. No  
specimens taken. - 1 specimen of *U. laticornis*  
taken.

Wednesday May 23<sup>rd</sup> 1902

*G. Stoppus*

Specimens from by Roubidoux

About 15-16 percent including 4 *Calidris*  
and 2 *Chamaea*

Far seen for an hour, then somewhat hard  
run from excellent to first.

More on Saturday very warm.

Saturday 9<sup>th</sup> June 1963 - Entered by J.B. Begg  
 other members present - Morris & H. Milnes, R. Kitching  
 Visitors book presented by J.B. Begg was used for  
 first time - 5 visitors  
 Seeing good at first but haze after 8.30 obsd  
 viewed Jupiter, Saturn + Cluster in Scopes -  
 Saturna perp. - cloud belts of Jupiter very well  
 defined  
 Later sky clearer - Cluster M7 Scopes viewed  
 also 5077 clear in scope - 8 obs  
 8/1

Wednesday June 12<sup>th</sup>

M. Hoffmann, visitors by Anderson  
 from 6.30 viewing including 3 ladies  
 Saturn + Jupiter viewed. Seeing poor as  
 heavy. Clearer evening

Saturday June 16<sup>th</sup> - Entered by J.B. Begg

visitors present - Morris, Milnes, Kitching  
 visitors book presented by J.B. Begg was used for  
 first time - 5 visitors  
 Seeing good at first but haze after 8.30 obsd  
 viewed Jupiter, Saturn + Cluster in Scopes -  
 Saturna perp. - cloud belts of Jupiter very well  
 defined  
 Later sky clearer - Cluster M7 Scopes viewed  
 also 5077 clear in scope - 8 obs  
 8/1

Wednesday June 19<sup>th</sup> - Entered by J.B. Begg

visitors present - Morris, Milnes, Kitching  
 visitors book presented by J.B. Begg was used for  
 first time - 5 visitors  
 Seeing good at first but haze after 8.30 obsd  
 viewed Jupiter, Saturn + Cluster in Scopes -  
 Saturna perp. - cloud belts of Jupiter very well  
 defined  
 Later sky clearer - Cluster M7 Scopes viewed  
 also 5077 clear in scope - 8 obs  
 8/1

Saturday 23<sup>rd</sup> June - J.B. Begg enters by

Cold night with passing clouds fairly thick at times  
 but intervals of moderately good seeing.

Moon just past first quarter - Copernicus near terminator  
 + seen to advantage with beautiful detail -  
 No visitors - 1/- in box

Wednesday June 27<sup>th</sup> 1923

W. Stoppmann 7 - 8 V.M.

Clear cloudy night with some rain

W. Stoppmann in visitors.

Saturday 7<sup>th</sup> July 1923 -

Entered by J.B. Begg

Members present. Messrs J.M. Wilson, E.S. Allen

+ visitors

Clear sky - good

Good definition on Saturn - Jupiter

viewed cluster in Scorpio - some

Mr. Wilson borrows Spectral Camera 1922

Saturn, 2/-

Wednesday 11<sup>th</sup> July 1923 - Entered by J.B. Begg -

Evening set aside for demonstration of

Saturn by W.E. Christen

sky cloudy + programme postponed

Present - W.E. Christen, H. Brown, J. Begg, Members

Four visitors + O.D. ...

cloud at 8 p.m.

Saturday 14<sup>th</sup> July 1923 - Entered by J.B. Begg - Receipts 7/4

East wind - sky clear but seeing only moderate -

W.E. Christen delivered short address (illustrated by diagrams) of on Saturn & his rings. He devoted some time to indicating the methods of demonstration which prove that the ring system is not solid but consists of a swarm of small bodies each of which follows its orbit as a satellite. He also demonstrated the reason of the apparent change of angle & face in the rings.

about 20 visitors were present & considerable interest was manifested - all present viewed the planet with the 18 mm eyepiece -

Visitors were also shown Jupiter & the star cluster 31 Tauri - decl.  $73^{\circ}30'$  (approx)



Friday July 20. Entered by J. B. Regg -

A party from Columbia College consisting of the Principal Miss Ross, Miss Scott + 13 (thirteen) girls was present by invitation. The writer gave a short explanation of the instruments + showed the surface of the moon under three powers, including that of the eyepiece. Saturn + Jupiter were also viewed. The definition was very good + the whole party expressed great interest. Miss Ross on behalf of the party expressed thanks to the Institute for the opportunity of seeing the observatory + the telescopic views of the heavenly bodies. The moon was not quite at first quarter.

Monday, July 23. Sec. by J. B. Regg. <sup>Saturn + Jupiter - J. B. Regg</sup>  
Wednesday, July 25. 1923

G. Hoffman.

Passing clouds moon about 12<sup>th</sup> day  
Definition in patches + clear sky very good.  
Moon about 9 o'clock when two  
a party in observation room in observatory,  
then over from house + moon  
was also a short glimpse of Jupiter.  
Close up 9-30.

X Rivers - found of transverse streaks requiring  
X attention. X.

Saturday July 27. Entered by J. B. Regg.  
Students present + 30 to  
8.15. 10 minutes. did not use telescope  
then 10.15. full moon was mostly  
in bright patches of a well cloudy sky.

Wednesday 1st Aug. 1920.

Present (members) Mr G Hoffmann  
& Mr. Christian & Mr. Christie

Three visitors. During fair. Saturn,  
Jupiter & Centauri & Crucis in Centauri  
3<sup>rd</sup> Foucault, and several clusters in  
Argo shown. Receipts 1/6. End by E.

Net 1/6 303

Wednesday Aug 5<sup>th</sup> 1920

G. Hoffmann. no members.

Four adult visitors 2 being ladies.  
Fine night being rather good.

Visitors shown Saturn, Jupiter. Double star cluster.  
After adult left two boys took very  
intelligent talk was shown Jupiter  
and a binary, and some information  
about the working of both telescopes.

Saturday - Aug. 11 - Entered by J.B. Regg  
Other members present Messrs. Christian, Routledge, Nelson  
four visitors -

sky clear but seeing very poor  
views of nebula in Dorado. Clusters in Lyra &  
Centaurus, & various double stars in Southern Cross.  
Jupiter very poor definition & Saturn scarcely observed.

Wed 15<sup>th</sup> Aug 1920. Entered by G.B. Christian  
Present Mr A.A. Cornish. and six visitors  
Fair view of Saturn & splendid view  
of Jupiter whose satellites were grouped close  
round the planet. Clouds etc also well seen  
8mm eye piece used. A Crucis was then  
shown after which sky clouded over and no  
further views were obtained.

Receipts 3/-  
Net 3/- 303

1923

Saturday

Aug 18

Entered by J. H. Hagg

Other member present - Mr. Nelson

no visitors

sky clear in patches only. Moon about  
3 days old seen excellently -

Polaris, Altair, Deneb, Ender's

good definition with 2 in. eyepiece

Aug 22

Entered by J. H. Hagg

Party of High School Girls with Miss Sallerton  
came early in evening & viewed moon under  
two magnifying glasses.

Cloudy night but seeing good in clear patches.

sky soon completely overcast - Girls appreciated

visit & thanked hostess

Aug 25

Entered by J. H. Hagg

Clear night - seeing moderate

Other member present - Mr. Nelson

14 visitors -

Mercury seen just near setting - image blurred

Saturn, Jupiter, Moon & 2 Centaurs viewed

with interest - eclipse of one of Jupiter's satellites -

Moon too near full for good seeing.

Sept 5th Rec'd

Saturday

Sept 1st

at 7.15 p.m. special travelling at 7.15 p.m.

Sept 2nd - 7.15 p.m.

Sept 3rd - 7.15 p.m.

Wednesday Sept 5th

by H. Hagg

7.15 p.m. Janis gave seeing

to 7.15 p.m. on lady.

view of Saturn, Jupiter, 11 Ceres, A. Centaur.

Moon too near full for good definition.

Rec'd 3/1/23



1923

Wednesday 17<sup>th</sup> October. 7.30 pm

J. to Mober -

Sky overcast. Telescope uncovered for  
Possible glimpses of Moon. - No attendance.  
Left 8.30. -

Wednesday Oct 31<sup>st</sup> 7-30. 1 m

G. Hoffmann

Sky completely overcast. no visitor

Saturday Nov 3<sup>rd</sup>. 8.0 to 10.0 pm

J. to Mober - & H. Gardner

(no moonlight)

Very good seeing - high wind -

Cluster in tubular layer very well  
defined and most interesting with 12 m. per  
eye full

Wednesday Nov 7<sup>th</sup>

G. Hoffmann

7-45 P.M.

Very strong N.E. wind. Sky almost completely  
clouded. Telescope not uncovered  
no visitors

Saturday Nov 17

Clear night - J. S. Pegg

Robert Mober - H. Gardner

Viewed a few stars & clusters also

Orion nebula - seeing good

Saturday Nov 17

Clear night - J. S. Pegg

Clear, B. S. Pegg

Clear for short time but no visitors.

1923

Wednesday 21<sup>st</sup> Nov I arrived  
 with invitation Messrs F.C. Anderson  
 & Harriet Anderson  
 Sky heavily overcast - but pleasantly  
 permitting interesting glimpses of the moon  
 a Centauri + a Crucis + Canopus

Wednesday Dec 6<sup>th</sup>  
 G. Hoffmann 8-25  
 Sky almost completely overcast  
 one visitor  
 Telescope not uncovered.  
 Stay now too long for visitors.

Monday Dec 17 - J.W. Miller 7.45-10.15  
 Miss Doris Jackson W. H. H. H.  
 " " " " " " " " " " " "  
 " " " " " " " " " " " "  
 The Moon Venus - a Centauri - a Crucis  
 a Crucis - a Oriani - interesting scene

1924

Saturday 12<sup>th</sup> April - Messrs J.M. Milnes, W.D. Anderson  
 & J.B. Begg attended. This was the evening  
 advertised for the opening of season but  
 the sky being overcast no visitors came.  
 Note. Track has been attended to by  
 City Corporation.



1924

16<sup>th</sup> April -  
Wednesday

Present Messrs Hoffman, Anderson, Baster Wilson  
Jb. Begg - sky overcast instruments not  
opened

Saturday

19<sup>th</sup> April.

Entered by Jb Begg - also Mr Routledge present  
and about a dozen visitors all of whom were  
much interested - Moon nearly full was  
too bright for good seeing but interesting  
views were obtained of Saturn, Jupiter &  
Alpha Centauri -  
Takings 10/6

Wednesday 30<sup>th</sup> April

Clear night with cold S.W. wind

4 visitors + 3 members present -

Seeing fairly good - Saturn especially was  
clearly seen with four satellites -

Entered by Jb. Begg - other members present  
Messrs. Routledge & Baster Wilson. Takings 2/-

Saturday May 3

Cloudy & wet - visitors unable to see sky

~~Wednesday~~ May 7.

Entered by Jb. Begg - met - cloudy  
Prof O R White attended as per advertisement but  
it was impossible to use telescope. He  
exhibited diagram of the orbits of Earth  
& Mercury & explained the relative movements  
of the two bodies in relation to the sun  
Messrs Hoffman, Anderson & Palmer <sup>the writer</sup> were  
present & thanked Prof White for his  
carefully prepared exposition which led to  
some interesting discussions on points raised

Thursday May 8

Transit of  
Mercury

Entered by Jb. Begg - Clear day  
Prof White, Mr Hoffman & the writer attended & by  
aid of 2 1/2 inch telescope & (on projected image)  
the ingress of the planet Mercury on the sun's disc  
was clearly seen. The time of contact was  
as nearly as observation could show in accordance  
with the approximate predicted time 9.15 a.m.  
The Observatory was kept open for several hours during day  
& a considerable number of visitors were shown the  
transit by projected image from the 12" instrument

The 12" telescope  
was masked with  
3 1/2 inch aperture

Saturday } Entered by Jb Begg - other members  
 May 10 } present - Messrs Jb Begg, B. Wilson,  
 Parkes and seven visitors  
 seeing fair sky clear -  
 gamma Leonis rather difficult to find  
 gamma Virginis clear - Moon crescent  
 fair seeing - Saturn, Jupiter  
 omega Centauri (very good) + Kappa Aurigae  
 Takings 3/6

Wednesday May 14<sup>th</sup> 1924  
 G. Stoppmann

Sky uniform haze  
 moon ~~not~~ visible. No telescopic seeing  
 no members or visitors  
 covered up 8-15  
 Later

Two visitors on a lady  
 Brief view of moon surface through  
 left in haze.

Saturday, May 17 - Cloudy sky - 8 visitors but no  
 view of sky visible - Entered by Jb Begg

Wednesday May 21<sup>st</sup> G. Stoppmann

Completely overcast Rain.

Early rain subsided by noon but then thick  
 but did not come down to clearing.

Wednesday May 28

G. Stoppmann

7.30 Sky overcast by clouds we for  
 brighter star showing no visitors  
 found down shutter blown off by gale  
 as we a position held by Malvern kept in  
 an hour out of opening managed to replace and  
 secure by rope. Next brush taking out etc and -  
 not overcast on the other side

Telescope apparently unimpaired but: wet on  
outside of tube. Inside dry.  
~~Not~~ Thatredin somewhat misplaced  
and a little loose.

June 3 Entered by Jb Begg - Advised open for one hour  
7-30 to 8-30 pm - cloudy sky & only one visitor  
who only had a brief glimpse of Alpha Centauri

Wednesday June 4

G. Stoppmann  
opened 7 o'clock. Sky then clear but  
almost immediately became cloudy.  
very short glimpses of Saturn & Jupiter  
several waited on till 10 o'clock in hope  
of sky clearing but planet showing only  
momentarily

Good attendance some 12 or more ~~adults~~  
including several ladies with children  
All saw Saturn more or less distinctly  
and several saw Jupiter also.  
Receipts \$7- + 6<sup>3</sup>

Thursday June 5 Entered by Jb Begg - Members present -  
Mr. Rutledge - 4 visitors

Clear sky seeing good - showed  
Saturn Jupiter, Alpha Centauri, 47 Tauri  
Taking 4/-

Saturday June 7 Entered by Jb Begg.  
other members present Messrs. Gilman, Wilson & Parks  
& Gardner - & six visitors  
Clear sky seeing moderate - saw new moon  
just at horizon - Jupiter - Saturn - visitors much  
interested

taking 3/-

1924

Wednesday June 18<sup>th</sup>

G. Hoffmann

Sky clear but seeing only moderate  
Moon one day past full and not in  
good phase, but some ray systems  
showing well.

Jupiter Saturn and R Crux viewed  
with much interest by visitors who  
numbered about 10. Two being ladies.  
Receipt 4/6

Wednesday June 25<sup>th</sup>

G. Hoffmann

Sky overcast. Jupiter and Saturn  
just may have occasionally been  
visible through haze.

No visitors. Telescope not uncovered 8:30 p.m.

Saturday June 28<sup>th</sup>

Entered by J. Hoffmann

Early clear night but old moon showing.  
Remained at observatory till 8:15, but no  
visitors came.

Wednesday June 26<sup>th</sup>

G. Hoffmann

Clear night good seeing  
4 visitors (3 ladies and 1 man)

Receipt 1/6  
5

1924

Monday June 30 Entered by J. B. Begg.  
By special invitation Mrs. Kishell &  
4 or 5 20 girls from "Alderfield" College attended  
short talk Jupiter & Saturn were viewed to good  
on astronomy advantage, also a Centaur and 47 Tucanae.  
role of stars & appreciation of hostess work  
was heartily accorded -

Saturday July 5 - Entered by J. B. Begg  
attended - but sky remained overcast  
& no visitors came.

Wednesday, July 9<sup>th</sup> 1924 H. Hoffmann.

Y. M. C. A. members  
4 visitors including a lady -  
Y. M. C. A. about past quarter  
Jupiter in Saturn, seeing, fairly good  
Y. M. C. A. was 1st - a few others  
for study -  
Closed at 9.40

August 1/9

Saturday July 12 Entered by J. Hoffmann - Begg 1/6  
3 large telescopes, Hubble, 4. H. Hoffmann  
Exceptionally good seeing - The Moon, eastern  
terminator very fine. Some Saturn under glorious  
illumination, and all neighbouring features in  
bold relief with splendid definition -  
Saturn and Jupiter observed under most  
favorable conditions - and Antares taken as  
a specimen star in a good talk on  
some prominent objects in the sky -  
- Closed at 9.15 -

July 19

Entered by J. B. Begg

one visitor present - very fine view  
of Jupiter & Saturn - old night  
turning cloudy towards 9 o'clock -

24 hrs 6

July 22

Entered by J. B. Begg

early morning - beautiful field clear  
period by arrangement -

Two excellent sky - Jupiter & Saturn displayed  
excellent definition - Kappa Crucis was much  
admired - Sunday afternoon subjects  
were discussed & the results expressed their  
affection - 11.15 - 3

July 23

G. Stoppenaen

Sky completely overcast. Heavy showers and wind  
no viewing

Sept 8 - 15

July 24

Entered by J. B. Begg

Clear sky - seeing good -

Saturn & Jupiter, excellent definition on 12 mm & fair  
definition on 5 mm. Eye piece - Disc of Jupiter satellites plain  
observed transit of satellite I - which entered disc against  
dark northern cloud belt & appeared as a bright spot for  
about five satellite diameters when it became dim & indistinguishable.  
Saturn appeared an hour later very clearly.

Mars - most good view of Mars this year & the best  
view by far that I have had. The disc was clearly  
defined by all phases & the south polar cap conspicuously  
seen. The cap was glistening bright & was bordered by a  
shadow fading towards the east. A slight shading was  
also discernible equatorially towards the west.

Impression  
of Mars



the polar cap appeared to project over the true  
curve

(East & west shaded  
as for our sky)



Wednesday July 30<sup>th</sup> 1924.

G. Stoppmann

Moon. Garden. Roundtop. Parker. members  
and some 17 visitors including 8 or 9 ladies.  
Uranus & Saturn, Jupiter and four stars.  
Through woods on Mars about 9-30.  
but through interesting and Polar Cap visible  
yet too low in sky for useful observation.  
Sky clear but moderate seeing only.

Receipt \$16

paid 1/3

Thursday July 31 - Entered by J. H. Day

Look 12' objective mirror 10" with small  
for pe-seeing

Friday - July 1 - Entered by J. H. Day

2nd mirror put in (old one)

1. Look at Mars. Look at the 10" objective.  
The seeing was very fine but a little  
faint. Look at Jupiter. The seeing was  
also excellent and very fine. Look at  
edge of the field. Look at the 10" objective.  
Look at Jupiter. Look at the 10" objective.

Look at the 10" objective.

Saturday - July 2 - Entered by J. H. Day

Look at Jupiter. Look at the 10" objective.

Look at the 10" objective.

Look at Jupiter. Look at the 10" objective.

Look at the 10" objective.

Look at the 10" objective.

Look at the 10" objective.

Look at the 10" objective.

Wednesday Aug 6<sup>T</sup>.

G. Hoffmann

Sky overcast - slight rain showers.

One visitor. Telescope not used.

Visitors interested in Telescope and

some talk as to future arrangements.

Saturday - Sky clear - Entered by J. B. Regg

9<sup>th</sup>

Other members present by J. B. Regg, Messrs. Parker,

Gardner - Seeing very good in moon  
but only fair in planets.

A large number of visitors present - about 24 -

Viewed Moon, Jupiter (heard first satellite)

Mars - Saturn

Takings 12/3

Thursday Aug 13.

G. Hoffmann

Sky overcast. occasional glimpses

of moon through clouds.

3 visitors looked in but no seeing

Left 6-5

No Takings.

- 1/- 100

Aug 15 - 21st moon re-silvered

Saturday Aug 16 - Entered by J. B. Regg

Other members present - Mr. Gardner - about 24 visitors

fine night - Moon too near full for observation

Saturn - Jupiter well defined. Mars - fair only

Polar cap still visible but diminishing -

Dark markings round cap diminishing also.

Dark equatorial bands visible

Takings 12/3 100

1924

Wednesday Aug 21<sup>st</sup>

Good afternoon

Taking 7/7

Considerable number of ladies.

Seeing spots & fair

Seeing you & Jan  
man viewed after 9 weeks till home.

Spotted Seewing

marking on floor cap seen w/ w/

Monday Aug 25. Entered by 846 Huston

Present Mr. Roushaye & a

number of the public. conditions fair.

Mars: Polar caps plainly visible & occasionally faint traces of "girdle"

Surface markings fairly well defined.

assuming form of a ~~gas~~ belt round  
Southern hemisphere with one projection  
into Northern - probably Lyrtis Major

Superior: Good. Belt very char.  $\alpha$  Centauri also viewed.

68.

collected.

1924

Aug 27 Wednesday. G. Hoffmann  
Messrs. Routhledge, Munro, Anderson, Dickinson  
And about 40 visitors including  
50 12 ladies.

Sky almost wholly overcast.  
Only Jupiter possible in telescope  
nearly all present had a view of Jupiter  
more or less good. Taking 14/10

Aug 28. Tuesday. E. B. Christian  
Cloudy but cleared toward  
8:30 pm Fair view of Mars  
obtained. About 6 present. Takings. 2/6.

28<sup>th</sup> August - Thursday - Entertained by M. H. Anderson  
Private meeting by appointment. 7 to 9 pm.  
Present: Messrs. Hoffmann, Routhledge, Christian, Munro  
and about 40 visitors including Mr. W. R. Mathews of  
Alameda. About 12 ladies.  
Sky cloudless and seeing excellent.  
Saturn studied from 7 till 8 & Mars thereafter.  
Visitors delighted, especially with Saturn - rings  
well defined and four satellites easily discernible.  
Saturn's rings at Mars well defined. Takings 10/11.  
Totals both 18/11.

Private party of about 12 ladies, Messrs. Anderson  
and others. Mars & Jupiter studied;  
Takings 12/30 and 11/12 30 and

29<sup>th</sup> August - Friday - W. D. Anderson  
Private party of three and about 30  
Casual visitors -  
Very clear - Saturn, Mars & Jupiter observed.  
Takings 7/9.  
18/7  
Totals from above 1-6-4

3. 187

Saturday 30<sup>th</sup> August 1924 J.W. Miller  
 in attendance kindly assisted by A. J. W. Todd  
 Very strong attendance of the Public good view  
 of mass - after the early part of the evening  
 closed at 9.45 Receipts 3/18/7  
 inclusive of contributions (A. J. W. Todd 16.4)

Total £ 3 18 7

Wednesday Sept 3<sup>rd</sup>  
 G. Hoffmann

Members present Messrs. Gekman, Koutman,  
 Rev. Darymph & Gekman

About 50 visitors including some 12 boys & girls  
 during Saturn on young moon.  
 Later view of Saturn fair to good.  
 incl 18. m in 1/2 pan

Receipts £ 1 1 10.

Total

in charge, G. Hoffmann £ 50.5

Saturday Sept 6<sup>th</sup> 1924 J.W. Miller  
 kindly assisted by A. J. W. Todd & the members present  
 A. R. Gekman - excellent weather & clear  
 including Mr. Lowery, etc. of 5.30. The  
 objects examined under fair conditions - Saturn  
 the Moon, Jupiter, Mars and a few stars  
 Receipts - - 7/-

Wednesday Sept 10<sup>th</sup>

G. Hoffmann

Members present Gekman and  
 some 12 or 15 visitors including about 50 ladies  
 short view of Saturn previous to 9.12 view of Moon  
 and Mars. Seeing very fair. weather present  
 up shown up quite well. Receipts 5/6

1922

Saturday Sept. 13<sup>th</sup>.

I w m d n o

Mr Rowlledge Mr Fredson and about ten  
junior & other visitors. Sky much  
overcast. Moon full. No object for  
telescope - fair views of Saturn  
Jupiter & a Centauri - Mars  
not observable

Receipts

4/9  
15

Wed. 14 Sept 17

2 + 1 = 3

2 x 1 = 2

1 x 2 = 2

40 f = 40

Sept 20 Entered by J.B. Begg

Sky overcast & seeing impossible until late in  
evening - No visitors came but <sup>between clouds</sup>  
obtained an excellent view of Mars -

Polar cap much diminished in size but clear  
cut on edges - dark girdle reduced to  
merest trace - but wide dusky band almost  
equatorial (sometimes appearing mottled) was distinctly seen

Sept 27 Entered by J.B. Begg -

Cloudy sky - hoped to look for new comet reported,  
but search was impossible -

two visitors came but obtained only a fleeting  
view of Mars

Monday 28 Sept 17 -

Clear - commenced from 7.30 to 9 p.m.

The atmosphere clouded over. Nothing at all visible.  
No visitors.



Wednesday, Oct-8<sup>th</sup> 1924

J. Hoffmann

Night rather overcast but moderate  
seeing in moon

Some 10 quart from y w c a. came in  
a bag cracked over of moon and a  
glump of man

Kemper 1/6

1/7

Entered by J. B. Regg

Saturday Oct. 11 - Clear night - Moon nearly full.

Five visitors present - Good view of

Jupiter, Mars + the Moon -

Polar cap of Mars clearly seen -

Looked for comet near  $\beta$  Librae but did not  
see it - Considerable glare of moonlight + twilight  
on sky.

Takeup 1/6

1/7

Wednesday, 10<sup>th</sup> October 1924 Entered by J. Hoffmann

Five visitors present -

Perfectly clear night but some haze

Views of Mars, Jupiter, Saturn

various other objects on the ground

Saturday, 10<sup>th</sup> November 1924. Entered by J. Hoffmann

Seven visitors present

Perfectly clear night

Jupiter, Mars, Saturn

Takeup 4/6

1/7

Failed notice  
board on door  
smashed down  
intentionally.

Wednesday Nov 12. G. Hoffmann  
Clear at noon but soon  
clouded over.  
2 visitors. No seeing after the first  
15 minutes. No success.

Saturday 2<sup>nd</sup> May. Present J.B. Begg & W. Anderson  
M.R. Rattle - Committee members  
Two visitors -  
Moon & Saturn observed but conditions  
were cloudy & unsatisfactory - Takings 1/50

Wednesday May 14 G. Hoffmann 7-20  
W. Rattle S.R. Cooke and  
Yarling, Aplan Greek Steamer was in sight  
but 2 other boats.  
There were no visitors.  
Made some very good  
No collection ~~was made~~  
Clear & cold

Saturday May 9. G. Hoffmann  
J.B. Begg & W. Anderson  
Long - only seeing till cleared to seeing  
long - much  
Two visitors present. Windy section  
Moon & Saturn - clear  
Takings 2/50

Saturday May 9th 12-30 pm  
Entered by S.R. Cooke.  
An exceptionally good night. Moon, Saturn  
Jupiter. X 480 was used. The definition on the  
Moon was quite the best I have ever seen

1425

More detail shown in Petavius than is in Goodacre's map. especially a mod. large craterlet on one of the minor hills. In one formation S of Vendelinus 35 craterlets - crater pits were counted where Goodacre shows 8. Prom. Agarum (Mare Crisium) resembled an alpine peak seen at a great distance, the minutest of detail visible. Cassini's & Enke's divisions were held. Jupiter is a splendid object at present.

Wednesday.

May 10<sup>th</sup> 1925

G. Stojanovic

2 Yacht.

Good night -  
been good  
interval.

5 MM usually seen  
in the lower part of  
the 9th rib

56

14

Saturday 16<sup>th</sup> May 1905

The visitors, including 30 - 40 - 50 - 60 - 70 - 80 - 90 - 100 - 110 - 120 - 130 - 140 - 150 - 160 - 170 - 180 - 190 - 200 - 210 - 220 - 230 - 240 - 250 - 260 - 270 - 280 - 290 - 300 - 310 - 320 - 330 - 340 - 350 - 360 - 370 - 380 - 390 - 400 - 410 - 420 - 430 - 440 - 450 - 460 - 470 - 480 - 490 - 500 - 510 - 520 - 530 - 540 - 550 - 560 - 570 - 580 - 590 - 600 - 610 - 620 - 630 - 640 - 650 - 660 - 670 - 680 - 690 - 700 - 710 - 720 - 730 - 740 - 750 - 760 - 770 - 780 - 790 - 800 - 810 - 820 - 830 - 840 - 850 - 860 - 870 - 880 - 890 - 900 - 910 - 920 - 930 - 940 - 950 - 960 - 970 - 980 - 990 - 1000 - 1010 - 1020 - 1030 - 1040 - 1050 - 1060 - 1070 - 1080 - 1090 - 1100 - 1110 - 1120 - 1130 - 1140 - 1150 - 1160 - 1170 - 1180 - 1190 - 1200 - 1210 - 1220 - 1230 - 1240 - 1250 - 1260 - 1270 - 1280 - 1290 - 1300 - 1310 - 1320 - 1330 - 1340 - 1350 - 1360 - 1370 - 1380 - 1390 - 1400 - 1410 - 1420 - 1430 - 1440 - 1450 - 1460 - 1470 - 1480 - 1490 - 1500 - 1510 - 1520 - 1530 - 1540 - 1550 - 1560 - 1570 - 1580 - 1590 - 1600 - 1610 - 1620 - 1630 - 1640 - 1650 - 1660 - 1670 - 1680 - 1690 - 1700 - 1710 - 1720 - 1730 - 1740 - 1750 - 1760 - 1770 - 1780 - 1790 - 1800 - 1810 - 1820 - 1830 - 1840 - 1850 - 1860 - 1870 - 1880 - 1890 - 1900 - 1910 - 1920 - 1930 - 1940 - 1950 - 1960 - 1970 - 1980 - 1990 - 2000 - 2010 - 2020 - 2030 - 2040 - 2050 - 2060 - 2070 - 2080 - 2090 - 2100 - 2110 - 2120 - 2130 - 2140 - 2150 - 2160 - 2170 - 2180 - 2190 - 2200 - 2210 - 2220 - 2230 - 2240 - 2250 - 2260 - 2270 - 2280 - 2290 - 2300 - 2310 - 2320 - 2330 - 2340 - 2350 - 2360 - 2370 - 2380 - 2390 - 2400 - 2410 - 2420 - 2430 - 2440 - 2450 - 2460 - 2470 - 2480 - 2490 - 2500 - 2510 - 2520 - 2530 - 2540 - 2550 - 2560 - 2570 - 2580 - 2590 - 2600 - 2610 - 2620 - 2630 - 2640 - 2650 - 2660 - 2670 - 2680 - 2690 - 2700 - 2710 - 2720 - 2730 - 2740 - 2750 - 2760 - 2770 - 2780 - 2790 - 2800 - 2810 - 2820 - 2830 - 2840 - 2850 - 2860 - 2870 - 2880 - 2890 - 2900 - 2910 - 2920 - 2930 - 2940 - 2950 - 2960 - 2970 - 2980 - 2990 - 3000 - 3010 - 3020 - 3030 - 3040 - 3050 - 3060 - 3070 - 3080 - 3090 - 3100 - 3110 - 3120 - 3130 - 3140 - 3150 - 3160 - 3170 - 3180 - 3190 - 3200 - 3210 - 3220 - 3230 - 3240 - 3250 - 3260 - 3270 - 3280 - 3290 - 3300 - 3310 - 3320 - 3330 - 3340 - 3350 - 3360 - 3370 - 3380 - 3390 - 3400 - 3410 - 3420 - 3430 - 3440 - 3450 - 3460 - 3470 - 3480 - 3490 - 3500 - 3510 - 3520 - 3530 - 3540 - 3550 - 3560 - 3570 - 3580 - 3590 - 3600 - 3610 - 3620 - 3630 - 3640 - 3650 - 3660 - 3670 - 3680 - 3690 - 3700 - 3710 - 3720 - 3730 - 3740 - 3750 - 3760 - 3770 - 3780 - 3790 - 3800 - 3810 - 3820 - 3830 - 3840 - 3850 - 3860 - 3870 - 3880 - 3890 - 3900 - 3910 - 3920 - 3930 - 3940 - 3950 - 3960 - 3970 - 3980 - 3990 - 4000 - 4010 - 4020 - 4030 - 4040 - 4050 - 4060 - 4070 - 4080 - 4090 - 4100 - 4110 - 4120 - 4130 - 4140 - 4150 - 4160 - 4170 - 4180 - 4190 - 4200 - 4210 - 4220 - 4230 - 4240 - 4250 - 4260 - 4270 - 4280 - 4290 - 4300 - 4310 - 4320 - 4330 - 4340 - 4350 - 4360 - 4370 - 4380 - 4390 - 4400 - 4410 - 4420 - 4430 - 4440 - 4450 - 4460 - 4470 - 4480 - 4490 - 4500 - 4510 - 4520 - 4530 - 4540 - 4550 - 4560 - 4570 - 4580 - 4590 - 4600 - 4610 - 4620 - 4630 - 4640 - 4650 - 4660 - 4670 - 4680 - 4690 - 4700 - 4710 - 4720 - 4730 - 4740 - 4750 - 4760 - 4770 - 4780 - 4790 - 4800 - 4810 - 4820 - 4830 - 4840 - 4850 - 4860 - 4870 - 4880 - 4890 - 4900 - 4910 - 4920 - 4930 - 4940 - 4950 - 4960 - 4970 - 4980 - 4990 - 5000 - 5010 - 5020 - 5030 - 5040 - 5050 - 5060 - 5070 - 5080 - 5090 - 5100 - 5110 - 5120 - 5130 - 5140 - 5150 - 5160 - 5170 - 5180 - 5190 - 5200 - 5210 - 5220 - 5230 - 5240 - 5250 - 5260 - 5270 - 5280 - 5290 - 5300 - 5310 - 5320 - 5330 - 5340 - 5350 - 5360 - 5370 - 5380 - 5390 - 5400 - 5410 - 5420 - 5430 - 5440 - 5450 - 5460 - 5470 - 5480 - 5490 - 5500 - 5510 - 5520 - 5530 - 5540 - 5550 - 5560 - 5570 - 5580 - 5590 - 5600 - 5610 - 5620 - 5630 - 5640 - 5650 - 5660 - 5670 - 5680 - 5690 - 5700 - 5710 - 5720 - 5730 - 5740 - 5750 - 5760 - 5770 - 5780 - 5790 - 5800 - 5810 - 5820 - 5830 - 5840 - 5850 - 5860 - 5870 - 5880 - 5890 - 5900 - 5910 - 5920 - 5930 - 5940 - 5950 - 5960 - 5970 - 5980 - 5990 - 6000 - 6010 - 6020 - 6030 - 6040 - 6050 - 6060 - 6070 - 6080 - 6090 - 6100 - 6110 - 6120 - 6130 - 6140 - 6150 - 6160 - 6170 - 6180 - 6190 - 6200 - 6210 - 6220 - 6230 - 6240 - 6250 - 6260 - 6270 - 6280 - 6290 - 6300 - 6310 - 6320 - 6330 - 6340 - 6350 - 6360 - 6370 - 6380 - 6390 - 6400 - 6410 - 6420 - 6430 - 6440 - 6450 - 6460 - 6470 - 6480 - 6490 - 6500 - 6510 - 6520 - 6530 - 6540 - 6550 - 6560 - 6570 - 6580 - 6590 - 6600 - 6610 - 6620 - 6630 - 6640 - 6650 - 6660 - 6670 - 6680 - 6690 - 6700 - 6710 - 6720 - 6730 - 6740 - 6750 - 6760 - 6770 - 6780 - 6790 - 6800 - 6810 - 6820 - 6830 - 6840 - 6850 - 6860 - 6870 - 6880 - 6890 - 6900 - 6910 - 6920 - 6930 - 6940 - 6950 - 6960 - 6970 - 6980 - 6990 - 7000 - 7010 -

Wednesday - 22<sup>nd</sup> May 1925

[illegible]

1925

Saturday 23<sup>rd</sup> May. - Entered by Jb Regg.

Mr R Gardner also present -

Overcast in early evening. Later intervals of clear sky with good seeing -

Examined Sirius & Saturn - the latter was very clear in both rings and orb - with fair seeing using even 5 mm. eyepiece. No visitors

Thursday May 28 . 6.30 / m

Just sighted Nova Pictoris. Close to position telegraphed from Wellington R.A. 6h 35m.

Decl.  $62^{\circ} 34' S$ . -

A yellowish tint - distinctly brighter than  $\alpha$  Pictoris - probably about 2<sup>nd</sup> magnitude.

Jb Regg

Sunday. May 31<sup>st</sup>. 6.10 p.m. Observed nova Pictoris. R.A. 6h 40 m Dec.  $62^{\circ} 30'$  (approx) Magnitude, by comparison with  $\kappa$  Argus = 2.6.  $\gamma$  is slightly greater than  $\eta$  Canis Majoris (2.4) Very light orange colour. in telescope. To naked eye a light blue?

Entered by S. R. Cooke.

P.S. A bad night, no lunar work done. 8.45 p.m.

Wednesday June 3<sup>rd</sup>. Cloudy with alternate clear & hazy patches. Definition good when clear.

No one else came up. Nova Pictoris considerably brighter.  $\delta$  left within Cassendi well seen, but no lengthy periods of clear sky to permit sketching. Closed 8.30 p.m.

S. R. Cooke.

June 4. Entered by Jb Regg -

Party from Columbia Valley (18) fifteen girls -

Seeing very good - Viewed Moon & Saturn

Sketched Wargentin, Marcius & Cassendi. def. good but fell off till it became very fluttery.

S. R. Cooke.

1925

June 6th. Entered by S R Cooke. 14 visitors (some from Boys Club, Mr Gardner & Mr Glatton.) Definition very bad, showed Moon, Saturn,  $\alpha$  Centauri, Nova Pictoris (mag. 1.8). Closed at 9.30 p.m.

Collection 4/- (163)

June 8th. Entered by S R Cooke. 10 p.m. definition fair. Worked on Moon (Vendelinus) till 3 a.m. definition fell off to a certain extent.

Tuesday June 16th. Entered by S Cooke. 10.30 p.m. Definition good. Enke's division in rings of Saturn held for long periods. Nova Pictoris waning. Excellent seeing on Jupiter, with  $\times 480$ .

Wednesday June 17th. Entered by S Cooke. 9.15 p.m. Definition good. Enke's division, 4 satellites Saturn, Jupiter, satellites & cloudbelts, Mr. McFarlane, Mrs. Mr. Gardner. Mr. Hoffmann in charge. Sky clouded over. Closed 9.30 p.m.  
No collection.

Saturday June 20th. Entered by S. Cooke. 9.15 p.m. Definition fair. Saturn, 3532 N.G.C.,  $\alpha$  Crucis,  $\gamma$  Toucani, Nova Pictoris, Jupiter, eight visitors, Mr Rountledge, Mr Gardner, Mr Glatton. Closed. 10.15 p.m. Collection, 4/-

Wednesday June 24th. Entered by S Cooke. Definition fair Saturn. Mr Rountledge, Mr Hoffmann, Mr. Martin. No visitors.

Closed 9.30 p.m.

1925

July 4th. Extremely bad condition, improving as night wore on, but at no time good. Four visitors, Moon, Saturn, Jupiter, no detail visible. Closed 10.30 p.m. Mr Gardner present. no collection.

S.R. Cooke.

July 16th. Fairly good conditions when I opened. (10.45 p.m.) Nova Pictoris has increased in brilliancy, a trifle brighter than  $\alpha$  Pictoris. I examined its spectrum with a Mcblean Stellar spectroscope. The three hydrogen lines in the red, blue green & violet (?) were visible as bright lines on a continuous spectrum. There were two lines which had the appearance of bands, (i.e. they were sharper on the red side & shaded off to the violet,) in the green. Two faint bright lines were suspected in the red, on either side of  $H_2$ . The brilliancy of the latter was remarkable, and was beautiful in the extreme. I made a sketch of Jupiter at 12.30 a.m. conditions fairly good, but not sufficient for any regular detailed work.



Completed another sketch of Jupiter at 2.30 a.m. i.e. after  $\frac{1}{2}$  rotation. An extraordinary amount of detail visible on the equatorial belt, to have included all of it in the sketch would have been impossible.

Closed 5.30 a.m.

July 18th.

S.R. Cooke.

Fairly good conditions. Four visitors, Mr. Mr. Platts, Gardner, Mr Routledge & Jr. Jupiter, Saturn,  $\alpha$  Centauri. Definition very good at times, esp. on Jupiter. Spectrum of Nova Pictoris. Closed 10.30 p.m. collection 46

S.R. Cooke.



1925

Landsberg, Archimedes, Autolycus, Aristillus, Thebit formation.  
Argæchel, Alphonsus, Alpetragius, Ptolemaeus, Bullialdus, Hind,  
Halley, Hipparchus, Albategnius, Tycho, & various Lunar Ranges  
and Sea beds. Closed 12.15 a.m. 1<sup>st</sup> August, 1925.

Entered By W. Gardner.

Saturday, 32<sup>nd</sup> July Mr. Gardner, Mr. Routledge,  
Mr. McFarlane & I. Definition bad, looked at moon,  
Jupiter. Examined the following Lunar features, mostly  
all near the Terminator: - Schiller, Bayer, Haugel,  
Mendenius, Billy, Hansteen, Letronne, Flamsteed, Enke,  
Kepler, Belinus, Doerfel, Hols, Condamine, Bouguer,  
Anaximander, Harpalus, Foucault.  
Entered by W. Gardner.

Saturday Aug. 8<sup>th</sup>. No visitors. Sky overcast with  
rain squalls. Did not open up. Took plane mirror  
out to be silvered.

S R Cooke.

Thursday, Aug 13<sup>th</sup>. Put plane mirror back, silvered,  
& adjusted it. & also balanced large telescope.  
12.30 p.m. S R Cooke.

Saturday, Aug 15<sup>th</sup>. Overcast. No visitors.  
Mr. Tilly came up. Viewed search light  
display from U.S.A. fleet.

S R Cooke.

Sunday Aug 20<sup>th</sup>. Definition very bad.  
Bitterly cold wind. Observed Cassendi &  
sketched the interior clefts. Gusts of wind  
made instrument "jump", preventing  
good observation. Closed 9.45 p.m.  
S R Cooke.

1925

Wednesday 2<sup>nd</sup> Sept. 1925. 7.15 a.m. and  
one visitor (Miss Springer). Cloudy, hazy conditions  
with only flicking glimpses of the full moon. Conditions  
gradually become worse. Closed up 8.30 p.m.

Saturday 5<sup>th</sup> Sept. 1925 Mr. Routledge no visitors.  
Definition bad. Very windy. Waited till moon  
was high to take photos, but definition was too  
bad. Closed 11.20 p.m.

SR Cooke.

Wednesday 9<sup>th</sup> September. 12.30 a.m. searched for  
variable, R Coronae Australis. R.A. 18<sup>h</sup> 55<sup>m</sup>  
Dec. 37° 0'. Found what was probably the star  
near a very neat double, and close to an  
orange star with traces of nebulosity. R(?)  
also had a wispy nebulosity.

Nova Pictoris. Spectrum examined, no visible  
change. H $\gamma$  red line very brilliant.

Waited for moon but definition bad. Closed  
3.00 a.m.

SR Cooke

4<sup>th</sup> Sept. Wednesday cloudy no visitors. closed 8.45 p.m.  
snowing.

SR Cooke.

8.15 p.m. Thursday. Blood-red star preceding  $\beta$  Crucis  
by 25 sec. about 9.0 mag. This star is exceptionally  
red. & I have no recollection of having observed  
it previously.

Started to adjust equatorial mounting by  
using  $\alpha$  Argus and  $\zeta$  Lupi observations and  
later on  $\alpha$  Aquilae.

closed 11.0 p.m.

PS found a reference to red star near  $\beta$   
Crucis Birmingham 291. P.A. 13.42 = 58 sec  
Dec. -59° 5.6' (1890) mag 8.5.

1925

Saturday afternoon 19th Sept. Took large speculum out & inserted some soft material between mirror & bed gave mirror a polish. Too cloudy for observations.

S R Cooke

Wednesday 23rd Sept. Party from O. G. H. School.

16 girls. Seeing moderate to good. Came up cloudy early on so ~~two~~ Mr Hoffmann was able to show them the moon only. Two saw Jupiter.

Total cash in hand 10/1 Mr Gardner came up also. closed 9.0 p.m.

S R Cooke.

Thursday 24th Sept. Fairly good seeing. Took two photos of the moon but it was a bit windy. Aurora Australis display, continuing up to 10.45 p.m. time of closing. Candles & kerosene 1/5.

S R Cooke.

Friday 25th Sept. Very good seeing. Sketched Beaman but could not find the cleft along the foot of NE wall as shown by Goodacre. Later Mr Gardner came up with some friends. Definition gradually got worse. Became completely overcast. Closed 10.15 P.m.

W. Gardner.

Saturday 26th Sept. Exceptionally good seeing. Sketched Birt, Straight Wall, Pico, using  $\times 200$  &  $\times 480$ . Later, Mr Gardner came up with party & viewed the moon.

collection 5/6.

S R Cooke.

Sunday 27th Sept. Fair seeing, growing worse as evening passed. Sketched Copernicus etc, then took one photograph. Closed 9.45 p.m. Heavy wind.

Strath Cooke.

1925

Saturday 17 Oct. Exceptionally bad seeing. Opened at 7pm  
Had one visitor, ran over a few objects. Closed 9pm  
S R Cooke

Sunday 18 Oct. Brought up & observed the  
thunderstorm, also telescopes & prepared for the  
observing of the moon & Jupiter. S R Cooke

Sunday, Oct 25. Bad conditions. Sketched  
Pico with terminator through 'late' & Alpetragius  
Later is clouded over & I closed up at 9.30pm.  
S R Cooke

Tuesday, 27th Brought up. Algen Trison; some B.H. elements  
from the Institute concerning boundary notices. Mr Begg's.  
S R Cooke

Tuesday 27th Brought up & observed the moon & Saturn.  
Closed 10.40pm.  
S R Cooke

Wednesday, 28th October 1925. Auto by Peter Brown  
with Cooke present and about eight visitors.  
Conditions fine at beginning and improved. Moon, Venus,  
Jupiter & the Centauri cluster. W.D. Dundas

Saturday 7th Nov Entered at 7pm Two visitors  
Observed Venus, Jupiter, & experimented with grating  
on stars. Observed spectra of Nova Pictoris, Argus  
Canopus etc., The tangent drive handle came loose  
& fell, breaking it off short (the word) so have  
taken it down to be attended to.  
S R Cooke

Dec 1925. Found splendid weather. S R Cooke  
Catching up on a part of the work. S R Cooke  
Found the 17th today, present of the and place  
S R Cooke

Monday. June May 24th. 1926

cleaned up Observatory & left eyepieces for use.

SRB. Cooke.

May 29th, 1926.

Cloudy night. No Visitors.

Mr Cooke Present.

W. Gardner.

Sunday. May 30th 1926.

Tested e.p's. on stars, Saturn & Moon.

Definition on latter, which was low down, was bad.

On Jupiter Saturn excellent. Closed 9 p.m.

SRB Cooke

Monday - June 1926

At 10.30 a.m. went out and gave calibration

to system of lenses, mirrors, and eyepieces.

Then spent 1.15 p.m. at the observatory.

At 2.15 p.m. I went to the observatory and gave

calibration to the system of lenses, mirrors, and eyepieces.

At 3.15 p.m. I went to the observatory and gave

calibration to the system of lenses, mirrors, and eyepieces.

At 4.15 p.m. I went to the observatory and gave

calibration to the system of lenses, mirrors, and eyepieces.

Saturday. 5th June 1926.

Came up at 1 a.m. Definition bad to fair, but unsteady, not good enough for critical work. Tested e.p's, all very satisfactory. Observed Jupiter, Saturn, 47 Tucani, Mars, etc., Polar Cap of latter &

some detail on centre of disc was glimpsed but by this time definition was very bad. Closed

3 a.m.

SR Cooke

Tuesday 8th June 1926.

Fine night. Definition good. Examined  
47 Toucani, Saturn, & Centauri. Milky Way, etc,  
closed. 10 p.m.

S.R.B. Cooke.

Wednesday 9th June 1926

Fine night but hazy. Examined  
Saturn, definition good. 47 Toucani definition  
poor. Milky Way and  $\alpha$  Crucis, very fine sight.  
3532 Carina.

Present Mr. Milnes, Mr. Anderson & Routledge & Vintons  
Receipts 8/6 Mr. Sutton asson pass of 47 at 8/6

Wednesday 16th June 1926

Fine night. Definition good. Examined  
the moon paying particular attention to theophilus  
Cyrellus & Catharina. Observed Saturn and  
adjusted finder at moon. R.G. Tested finder  
on Canopus. Not correct. Observed 47 Toucani also  
so Ursa. and Jupiter just above horizon.  
Present Mr. Milnes, Mr. Routledge & Vintons

Friday. 18th June. 1926.

Fairly fine night. Observed moon with  
various powers. Closed 9.0 p.m.

S.R.B. Cooke.

Saturday 19th June 1926

Very good night. Excellent definition & good  
attendance. 14 visitors with me. Gardner & Gratton  
viewed moon, later turned over to Saturn. S.R.B.

Later.

4/-

Viewed Jupiter. Definition was not good, as planet was  
near horizon, but 4 satellites were arranged in almost

a straight line.

Took a brief glance also at Omega Centauri, & Kappa Crucis.  
Closed 10.45 p.m.

W. Gardner.

Wednesday 23<sup>rd</sup> June 1926.

Present. Mr. Routledge & 886 Christian  
Five visitors. Views moon & Saturn definition  
good & Cassini Division distinct. Receipts 2/6.

During observations one of stay holding flat  
pulled out of central support. Flat was dismounted  
& portion taken away for repairs.

E. Christian

Saturday 26<sup>th</sup> June 1926.

Adjusted flat & mount approximately,  
sufficient for tonight's use.

S. Cooke

Saturday 26<sup>th</sup> June, 1926.

Cloudy night, with low fog, no visitors

W. Gardner.

Saturday 3<sup>rd</sup> July, 1926

Cassini Division - 10 visitors Receipts 3/6

W. Gardner as chair - 10 visitors & 14 visitors

Saturn 12 visitors - 2 clusters in Spect

Monday 7<sup>th</sup> July 1926.

Present. but also explore other views of Saturn & Jupiter.

Two visitors. Shared Saturn, Jupiter, & Saturn

Saturn & Jupiter in Spect. Receipts 4/

S. Cooke

Saturday 10<sup>th</sup> July. Night inclined to be foggy but  
cleared up later. Observed  $\alpha$  Centauri,  $\gamma$  Centauri, H. & P  
Saturn & Jupiter. 3 friends & their two children only.

W. Gardner.



Friday 16th July. Swept out Observatory & adjusted telescope.  
The instrument is in fairly good adjustment now. /  
SRB Cooke.

Saturday 17th July. Fine night observed  
the moon, Saturn, 47 Ursae, Jupiter.

Definition poor.

Went. W. Gardner to Wootledge & 22 others.

Receipts 2/-

Saturday 17th July. Started observations at 1.45 a.m.

Did work on Jupiter & Satellites, Uranus; waited for  
Mars to attain a good altitude before starting on  
it. Definition on Jupiter (high up) is very good, but  
Mars is bad. (3.20 a.m.) Definition grew worse  
closed 4.0 a.m.

SRB Cooke.

Sunday 18th July. Started some lunar work at 7 p.m.

Observed Birt & Straight Wall, Flammarion, Pico, Conon.

Definition fairly good at first, using 5 mm & 9 mm eps  
but later it fell off in quality. Closed 9 p.m.

SRB Cooke.

Monday 19th July. Did some lunar work on Kier D & Hesiodus  
cleft. closed 9.15 p.m.

SRB Cooke.

Tuesday 20th July. Very misty, no observations.

Wednesday 21st July. Very misty, no observations.

Thursday 22nd July.

Friday 23rd July.

Saturday July 24th, fine weather - inclined to be cloudy  
(No. 7 tilted) closed 9.30 p.m.  
W. Gardner.

Wednesday, 28<sup>th</sup> July 1926.

Fine clear night, but got very hazy and overcast later on. One visitor. observed Saturn, Jupiter and moon. Splendid view of cloud belts on Jupiter.

N.B. Only one eyepiece in the box,  
+ one in the telescope -  
only two available very.

S.K.B. Underwood

N.B. Eyepieces are in two small boxes in ledge just over the transit instrument. S.K.B.

Saturday July 31<sup>st</sup>. Overcast. no visitors.

S.K.B. Cooke.

(Sunday) Saturday Aug 8<sup>th</sup>. 3 a.m. came up to do some work on Mars but definition was good only on rare occasions, & later it clouded over.

S.K.B. Cooke.

Wednesday Aug 18<sup>th</sup>

Overcast. No visitors.

S.K.B. Routledge

Wednesday Sept 1<sup>st</sup> 1926

Clear but hazy. Definition very poor. 11 visitors.

Observed Saturn, Jupiter, Mars, Uranus, Venus, & the Moon.

also in camera and 350x telescope + 15. houses

Present H.B. Routledge. In station. 11 visitors.

Sept. 4<sup>th</sup> 1926. Clear but very cold windy. 6 visitors, observed Jupiter, definition very poor, observed  $\alpha$  Centauri,  $\delta$  47 Leucania

Taking 2/6

W. Gardner.

Wednesday 15th Sept.

Present. Messrs Routledge & Cooke

Very stormy night but clear. Observed the moon  
and Jupiter. definition poor. Also observed Uranus.

H. R. Routledge

Saturday 18th Sept.

Present. 2 visitors, some girl guides & Mr Gardner. Observed  
Jupiter Saturn. Good night, but rained at 9.30. so closed up  
S. Cooke.

Wednesday, 22nd Sept. 1926.

Very cloudy & only fleeting glimpses of moon  
and Jupiter. Party of girls present from Y.W.C.A.  
Conditions very disappointing & visitors promised to come again.  
No takings. Closed at 9.15. W. D. Anderson

Saturday 25th. Sept. 1926.

Dr Bell, Mr Bell, Mr Gardner, 4 visitors, some  
girl guides. Very bad, windy, cloudy. closed 9 p.m.

Receipts:-

S. Cooke

Saturday 20th. Sept. Afternoon. Gave & cleaned up telescope,  
gave mirrors a polish & adjusted them, measured power of  
eye etc

S. Cooke

Saturday 20th 2nd, 1926

Heptagon cleared to be strong light & wind  
cleared up. Very good observation of Jupiter up to  
the highest power. Observed Saturn & Uranus & the  
double star & cluster. Also observed Mars & Venus  
etc. No 2 turned up. closed 7.30.

W. D. Anderson.

Sat. 2nd Oct. Picked up two of satellites of Uranus using a screen in eyepiece.

H.O. as shown

Worked on Mars, but defunctum jumpy & inclined to foggy. Small polar cap, detail on centre low. Closed 2.30 a.m.

SK Cooke

Wednesday, 6th October 1926.

Two visitors, also Mr. Krishnan and his brother. Conditions, not very good, windy and cloudy. Ringers of Saturn well finally obscured by haze. Exceptionally clear views obtained of Jupiter - belts very prominent. K. Coucus and a Centauri also studied. Closed 9.45 p.m.

1/2 taken.

W. H. Anderson

While working on the sun I cracked the eye-lens of the X114 (20mm) ep. will get it replaced if possible through Mr. Ward

SK Cooke

Sat. 30th Oct. Mr. Gardner, Mrs. Clark, several visitors.

Def. fair at first, then clouded. Closed at 10 p.m.

SK Cooke

Sunday, 31st October 1926.

Received notice board from door.

End of 1926 season.

W.H.A.

Nov. 3rd 1926.

(No eyepiece) Opened observatory at 9.0 p.m. to be found for private observation, at four except on visitors then waiting. Closed. Keck in telescope Mars Jupiter a Centauri 41 Tenebris. Vision poor except latter object which was near zenith. E.E. Krishnan

1926

Nov 10 E.W. Miller - took record from Minute Book  
for Annual Report and the Cash is 1/11 4/6

Exp. piece - H. Christian - refer to N.B. under date 28<sup>th</sup> July

1927  
Jan 6 H. Miller took till 2/6 and up  
22. Visited Observatory *John Begg*

Feb 5<sup>th</sup>, 1924.

Visited Observatory with a few friends & found  
that one of the clock spring tension stays had carried  
away & found same on the floor. It has given way  
no doubt through corrosion. Fixed up temporary with  
piece of wire.

*W. Gardner.*

Feb 12<sup>th</sup> Received 16<sup>th</sup> Eastern letter - 14<sup>th</sup> Atlantic letter to get  
the stay repaired but could not release the stay - the  
stay to take sitting away. - *W. Gardner.*

Feb 16<sup>th</sup> Mr. Milnes called at Shop & asked me if I would  
go up to the Observatory & see if I could remove the  
stay arrangement holding flat in place - removed same  
& took it away for repairs.

*W. Gardner.*

Feb 23<sup>rd</sup> Fixed flat in place & adjusted it for  
centrations. Flat cover would be best left off  
as the weight of it affects the adjustments.

*W. Gardner.*

March 11<sup>th</sup> all in order - no cash - *W. Gardner.*

March 14<sup>th</sup>. Observed in Heliometer. Light was fair to bad. Did  
2 hours sketching but definition grew very bad.

SRB Cooke.

1927

March 24th. Tested instrument after adjusting last Saturday. Adjustments very fair. Picked up comes to Sirius. Also, by positions given in B. A. Hand., for 1927, picked up heptane. Fairly large planetary disc, blue-green in colour. Definition not sufficiently steady to do any work on heptane. Sketched Godin and Agrippa. Closed midnight. Definition poor to bad.

SRB Cooke.

Apr 7. Looked in to see if eyepiece of Transit (report missing by H. Cooke) was not in the observatory, not found. Used 6 New Keps. and found all correct.

Key supplied to H. Tucker - ~~for nucleus~~

April 10th. Opened up Observatory but definition bad from

7 pm to 8 pm so closed down again

SRB Cooke.

April 20th Observed clefts within Janus. Definition at first good but rapidly grew bad. With former conditions tested minor adjustments on a star. Results were highly satisfactory, indicating any lack of pinching of the specula, as I have previously thought this was possible. Bucke's division in Ring A (Saturn) held continuously. Two or 3 belts seen on globe. Closed 1.45 am.

May 7th. Observed moon, definition fairly good at times. Saturn was also observed but not under good seeing conditions. Kappa Crucis, Alpha Crucis, Alpha Centauri, Omega Centauri & several other clusters were fairly well seen. 5 visitors. Collection 3/6

W. Gardner.

1927  
11th May:- Opened up 7.30 pm. No visitors. Clear sky but very windy. Observed G. Nebula in Orion, Moon and Saturn. Closed 9 pm.

W. Henderson

1927

Wednesday - 1<sup>st</sup> June - Perfectly clear frosty evening. Two visitors.  
Observed Saturn under ideal conditions, ring system  
well open & ant. Also viewed several star clusters in Scorpio  
& Sagittarius. Closed up 10 pm. Takings 1/- (see Jor) T.  
M. Henderson

Saturday June 4 - Entered by John G. Regg. - Clear sky & fair  
visibility - 7 visitors - viewed Saturn, 47 Toucani,  
alpha Centauri, Kappa Crucis. Collected 3/6 (Jor)  
+ 1/- (Jor)

Wednesday - 8<sup>th</sup> June - Clear sky but windy - 5 visitors  
Observed Venus from 6.25 to 7 pm, <sup>when it set</sup> but saw nothing of the star whose  
occultation was predicted. Viewed the moon at first quarter also  
Saturn - & nebulae discernible. Takings 2/- (Jor)  
M. Henderson

Saturday June 11<sup>th</sup>

Sky fairly clear, definition on Saturn good.  
the main division in the ring & shading on the ball of the  
planet glimpsed at times. Moon well observed but  
too near full for an interesting terminator.

47 Toucani well seen considering moonlight.  
5 visitors. Closed 10 P.M. W. Gardner. Takings 2/- (Jor)

Monday 13<sup>th</sup> June - Opened observatory for some friends - viewed  
moon & Saturn. Moon two days before full but  
the definition was exquisitely good on the terminator even  
with the 5 mm eyepiece - the shading about 'Grimaldi'  
being very fine. Saturn was also splendidly defined  
with 5 mm eyepiece - Cassini division being quite  
conspicuous & the crepe ring clearly seen - also the  
cloud belts on orb. I have never before seen either  
the moon or Saturn under such clear definition.  
John G. Regg

Monday 13<sup>th</sup> June Worked till 2 a.m. on the moon.  
Definition fair, inclined to be pumpy. Sketched Grimaldi and Hevel



1927

In latter case two unrecorded hills were charted and in the former case many new objects were shown.

Strath Cooke.

1927

15 June - Present (of Committee) Messrs. Anderson, Cooke & Begg. Cloudy night with glimpses of moon in the occasional clear patches of sky.

A total eclipse of the moon took place - totality occurring between 7.43 & 8.5. About

100 visitors present including several boys -

The moon was seen occasionally during the partial phases but no good view during totality. The coppery tint on shaded surface was most marked on belts near limb with interior portion much darker. The edge of advancing shadow noted as darker than the posterior portion of shadow. Closed 9.30

Takings 6/9 (200)

John Begg

18 June. Entered by S Cooke. No visitors present though open at 7.15 pm. Adjusted polar axis east less meridian.

Clouded over at 8.45 pm. so closed.

S Cooke

June 22 - attended, but night wet & cloudy & no visitors - Did not uncover telescope.

Shortest day of year -

John Begg

June 24. See next page JB Begg. Received party of three well known girls & pupils introduced by the Paterson - (about 20 girls) - but saw nothing at intervals.

June 26 Sunday. Did some preliminary photographic work. Lowest Perseus variable to naked eye with ease; bright condensed nucleus, lemon to orange yellow in colour through telescope. closed. 1.30 am. S Cooke.

June 28. Came to record position of Comet Perseus variable observed last night by naked eye as a nebulous area -

June 27. 11 pm approx. position R.A. 21h. 20min Decl. 1° N John Begg

July 2nd, 1927. Observed Saturn with good definition at times  
also such clusters as omega Centauri, Kappa Crucis,  
47 Tucani, Eta Argus, etc., also Pons-Winnecke Comet, the  
comet was about 4 degrees above and to the South of Fornelhart.  
closed 11.50 P.M. Takings  $3/6$  W. Gardner.

13

W. Gardner.

Apr 18<sup>th</sup> 1911  
 12.40 AM  
 Adm. 12.40 AM  
 Steamer of 55. Engine out at other end.  
 Point of view from bottom of pit  
 100 ft. down. Greenish 6 in in depth  
 very good

Society very much  
 H. began more  
 & days since  
 that the committee appointed  
 carry out all arrangements in  
 connection with the arrangements  
 raised unanimously  
 moved by H. Bowen, seconded by  
 H. & second carried  
 that the Rev P. H. Fawcett &  
 & Sutton, Eng. Arch. Museum, Leeds  
 be appointed a sub-committee  
 to make arrangements for London  
 a general discussion follows  
 on. Mrs. de la B. & leave the  
 appointment of a joint finance  
 committee & raise funds  
 to leave the arrangements in  
 the Society's possession,  
 & to elect in due season  
 H. & on his appointment